



Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

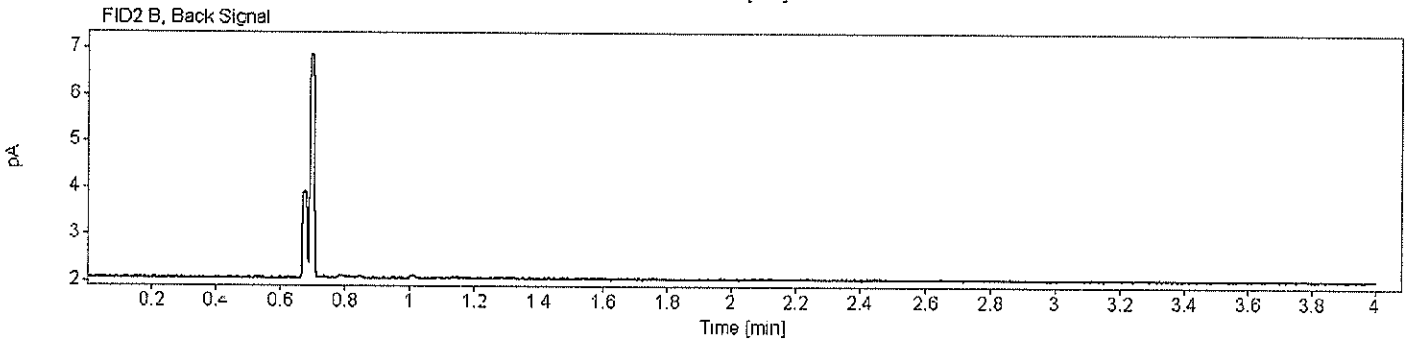
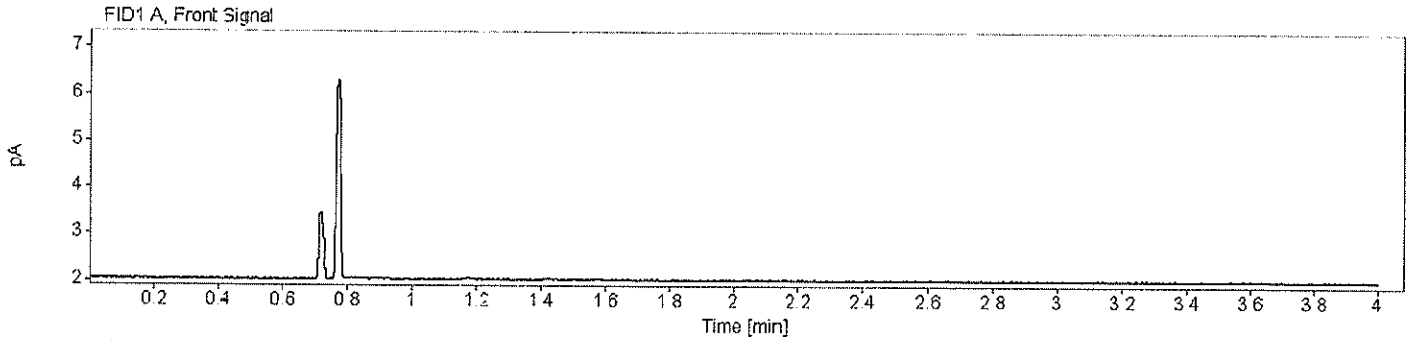
Date	N ₂ Tank Pressure	H ₂ Water Level	H ₂ Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
						Pass/Fail	Pass/Fail		
10/27/21	70 2000	yes	70	70 400 2300	70 600	PASS	PASS	changed air tank - JP 10/27/21	JP
									BAM 11/1/2021

Form Complete Date/Signature: Brooke Mendenhall 11/1/2021

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 10/27/2021 10:50:16 AM
Data file: C:\Chem32\1\Data\ALC_20211027_TEST 2021-10-27 10-41-13\001F0101.D

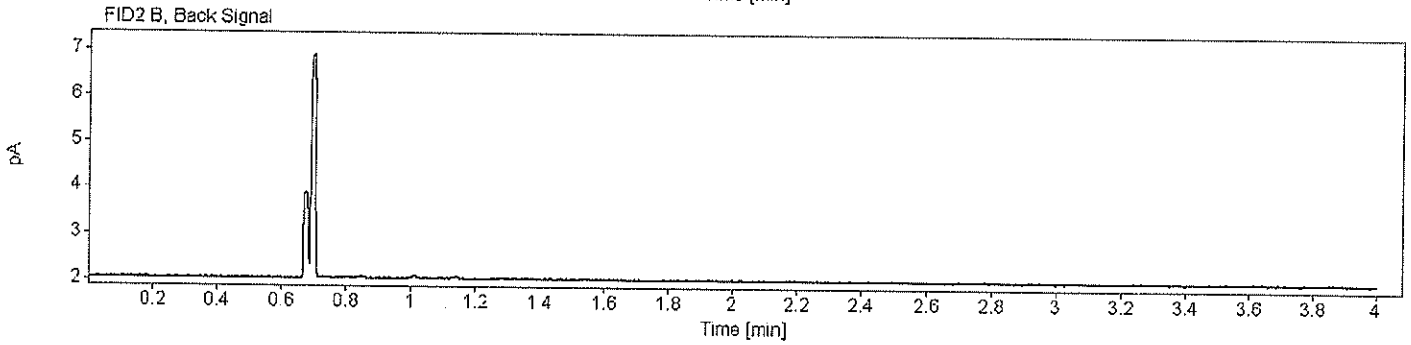
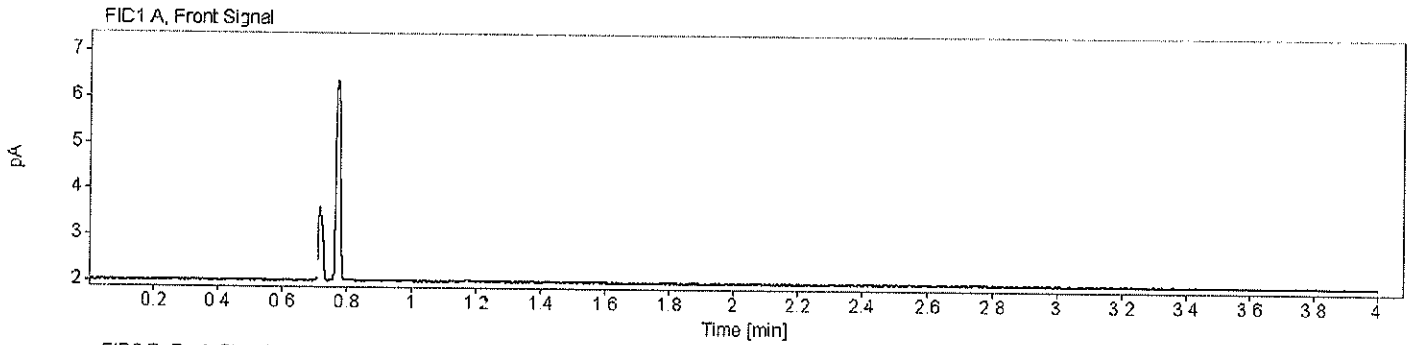


JP

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



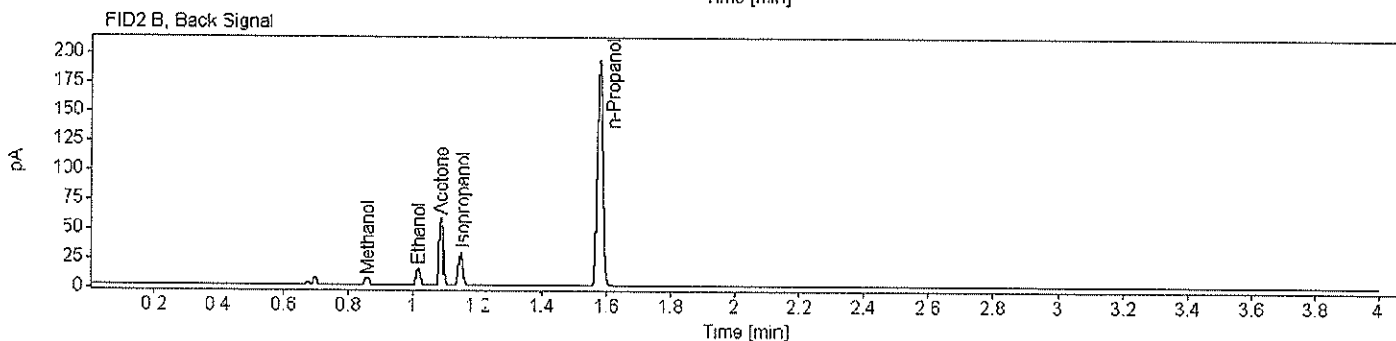
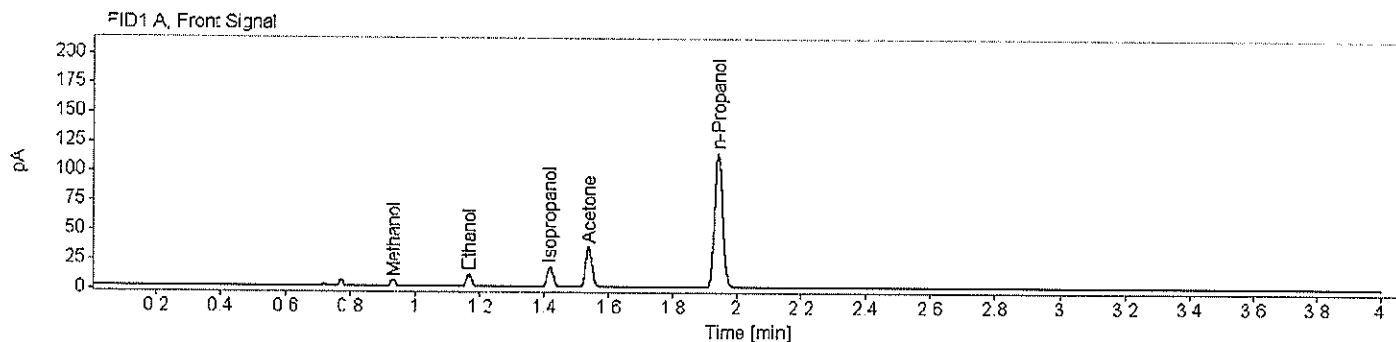
Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 10/27/2021 10:54:45 AM
Data file: C:\Chem32\1\Data\ALC_20211027_TEST 2021-10-27 10-41-13\002F0201.D



Houston Forensic Science Center, Inc.
 Comparative and Analytical Division - Toxicology
 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 3 Acc. Method: ALC.M Injection Date: 10/27/2021 11:00:39 AM
 Data file: C:\Chem32\1\Data\ALC_20211027_TEST 2021-10-27 10-41-13\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.14665		0.933	0.933	6.1043	0.0110
Ethanol	0.86853		1.168	1.167	12.3308	0.0112
Isopropanol	0.86535		1.419	1.419	23.6930	0.0095
Acetone	0.86306		1.539	1.539	47.1532	0.0101
n-Propanol	0.89047		1.943	1.943	199.8827	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.49954		0.862	0.862	6.8867	0.0107
Ethanol	0.93814		1.018	1.019	14.0152	0.0110
Acetone	0.92126		1.090	1.090	53.2046	0.0100
Isopropanol	0.90548		1.149	1.151	26.8764	0.0095
n-Propanol	0.95705		1.580	1.582	226.3468	0.0100

JP